

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 28 Dec 2020 until 23:59 on Tuesday 29 Dec 2020

Forecast Issued on Sunday 27 Dec 2020 at 14:08

Confidence: High for cold conditions throughout the period but lower confidence for details regarding snow showers.

Headline for Monday 28 Dec 2020: Bright or sunny spells, but cold with a few snow showers.

Mountain weather hazards on Monday 28 Dec 2020

Blizzards
Low Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy Snow
Low Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Fog	Mist	Fog	Cloudy	Cloudy	Cloudy	Cloudy	Light snow
Precipitation probability							
30%	40%	30%	20%	20%	20%	10%	30%

Forecast for Monday 28 Dec 2020

Weather: Still the risk of the odd snow shower overnight, but longer clear spells will develop. Then a bright, cold day with sunny spells and a few snow showers.

Chance of cloud free mountain/hill tops above 600m: 60% with occasional cloud down to 450m.

Visibility: Good or very good, but poor or very poor in snow showers

Forecast for Monday 28 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 S	11/17 SE	8/14 SE	8/13 NE	8/13 NE	6/11 NE	8/15 NE	10/15 NE	9/15 N
300	9/18 S	7/16 SE	6/12 E	7/13 NE	7/13 NE	5/11 NE	6/14 N	7/16 N	8/17 N
Valley	6/17 SE	8/16 SE	7/15 E	6/13 E	5/12 E	5/10 NE	5/10 NE	5/13 NE	4/10 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-2/-8	-2/-7	-3/-7	-2/-6	-2/-5	-2/-7	-2/-7	-2/-6
300	0/-4	-0/-4	-1/-5	-2/-5	1/-3	0/-2	-1/-5	-1/-5	-1/-4
Valley	1/-2	0/-4	-0/-4	-1/-4	2/-1	1/-1	-1/-4	-0/-3	-1/-4
Freezing Level*	300m	200m	100m	100m	200m	300m	200m	200m	300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A severe chill is possible over the tops, despite light winds. Fresh lying snow, especially above 200m, and icy areas will add extra difficulty to conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 27 Dec 2020	36.6mm	43.8mm	43.8mm

Forecast for Tuesday 29 Dec 2020

Weather: Becoming cloudier overnight with perhaps a spell of sleet and snow, but mostly clearing by morning, then a bright day with some sunny spells, but still cold with the odd snow shower.

Maximum wind: Northwest 20 gust 30mph, but 25-30 gust 40mph at times over higher tops, especially in or near showers

Chance of cloud free mountain/hill tops above 600m: 30% overnight with quiet extensive cloud down to 400m, then 70% with more broken cloud above 500m

Visibility: Good or very good away from showers, but very poor at height at times

Temperature: **Valleys:** Minus 1 C to plus 2 C, with frost persisting in some of the dales throughout the day
At 600m: Minus 4 C
Freezing level: 400m